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§ 52.383 Stack height review.

The State of Connecticut has declared to the satisfaction of EPA that no existing emission limitations have been affected by stack height credits greater than good engineering practice or any other prohibited dispersion techniques as defined on EPA's stack height regulations as revised on July 8, 1985. Such declarations were submitted to EPA on February 21, 1986, and May 27, 1986.

[52 FR 49407, Dec. 31, 1987]

§ 52.384 Emission inventories.

(a) The Governor's designee for the State of Connecticut submitted the 1990 base year emission inventories for the Connecticut portion of the New York-New Jersey-Connecticut severe ozone nonattainment area and the Greater Hartford serious ozone nonattainment area on January 13, 1994 as revisions to the State's SIP. Revisions to the inventories were submitted on February 3, 1994, February 16, 1995, and December 30, 1997. The 1990 base year emission inventory requirement of section 182(a)(1) of the Clean Air Act, as

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amended in 1990, has been satisfied for these areas.

(b) The inventories are for the ozone precursors which are volatile organic compounds, nitrogen oxides, and carbon monoxide. The inventories covers point, area, non-road mobile, on-road mobile, and biogenic sources.

(c) Taken together, the Connecticut portion of the New York-New Jersey-Connecticut severe nonattainment area and the Hartford serious nonattainment area encompass the entire geographic area of the State.

[62 FR 55340, Oct. 24, 1997, as amended at 65 FR 62626, Oct. 19, 2000]

§ 52.385 EPA-approved Connecticut regulations.

The following table identifies the State regulations which have been submitted to and approved by EPA as revisions to the Connecticut State Implementation Plan. This table is for informational purposes only and does not have any independent regulatory effect. To determine regulatory requirements for a specific situation, consult the plan identified in § 52.370. To the extent that this table conflicts with § 52.370, § 52.370 governs.

TABLE 52.385—EPA-APPROVED REGULATIONS

Connecticut State citation	Title/subject	Dates		Federal Register citation	Section 52.370	Comments/description
		Date adopted by State	Date approved by EPA			
19–508	Connecticut Air Implementation Plan.	3/3/72	5/31/72	37 FR 10842	(c) 1&2	State of CT Air Implementation Plan.
		8/10/72	5/14/73	38 FR 12696	(c) 3	Correction to submission dates for supplemental information.
		4/9/74	6/2/75	40 FR 23746	(c) 5	Identification of Air Quality Maintenance Areas.
		8/10/76	11/29/77	42 FR 60753	(c) 7	Adds carbon monoxide/oxidant control strategy and regulations.
		6/30/77	9/29/78	43 FR 44840	(c) 8	Describes air quality surveillance program.
22a–171	Small Business Assistance.	1/12/93	5/19/94	59 FR 26123	(c) 65	Established small business compliance and technical assistance program.
22a–174–1	Definitions	4/01/72	5/31/72	37 FR 23085	(b).	Adds definitions for PSD and NSR program. EPA took no action because CT did not submit regulations.
		5/31/72	12/23/80	45 FR 84769		
		12/13/84	7/18/85	50 FR 29229	(c) 34	Revision to the definition of VOC adding 7 nonreactive compounds to exempt list.
		12/27/88	2/23/93	58 FR 10957	(c) 56	Changes definitions of “actual emissions” and “potential emissions” throughout regulations.
		12/22/97	10/19/00	65 FR 62624	(c)(84)	Changes to the definition of VOC to exempt certain negligibly photoreactive compounds.
22a–174–2	Registration requirements for existing stationary sources of air pollutants.	4/04/72	5/31/72	37 FR 23085	(b).	
		8/31/79	12/23/80	45 FR 84769	(c) 11	In tandem with changes to Regulation 3, sources existing prior to 1972 must register.
22a–174–3	Permits for construction and operation of stationary sources.	4/04/72	5/31/72	37 FR 23085	(b)	Conditional approval of NSR program.
		8/30/79	12/23/80	45 FR 84769	(c)11	EPA conditionally approved changes to meet federal New Source Review (NSR) requirements. CT did not submit Prevention of Significant Determination program.

TABLE 52.385—EPA-APPROVED REGULATIONS—Continued

Connecticut State citation	Title/subject	Dates		Federal Register citation	Section 52.370	Comments/description
		Date adopted by State	Date approved by EPA			
22a-174-4	Source monitoring, record keeping, reporting and authorization of inspection of air pollution sources.	8/31/79	1/07/82	47 FR 762	(c) 20	Final approval of NSR Rules removing conditions of 12/23/80.
		10/10/80	1/07/82	47 FR 762	(c) 20	Allows conditional exemption of resource recovery facilities from off-set transactions.
		10/10/80	1/07/82	47 FR 762	(c) 20	Replaces the word "actual" with word "allowable".
		12/27/88	2/23/93	58 FR 10957	(c) 56	Changes to NSR and PSD requirements.
		4/04/72	5/31/72	37 FR 23085	(b).	
		10/31/77	12/23/80	45 FR 84769	(c) 11	Clarifies record keeping and reporting requirements and rescinds smoke monitoring requirements for small sources.
		12/15/80	8/24/82	47 FR 36822	(c) 20	Rescinded requirements for smoke monitors on sources less than 250 mmBtu.
22a-174-5	Methods for sampling, emission testing, and reporting.	12/27/88	2/23/93	58 FR 10957	(c) 56	Changes to opacity continuous emission monitoring (CEM) requirements.
		4/04/72	5/31/72	37 FR 23085	(b).	
		10/05/77	12/23/80	45 FR 84769	(c) 11	Tied State testing method requirement to federal requirements, clarified requirements for stack testing, and eliminated record keeping and reporting requirements.
		12/19/80	8/28/81	46 FR 43418	(c) 16	Revisions to source monitoring and stack testing requirements for SO ₂ .
22a-174-6	Air Pollution Emergency Episode Procedures.	4/04/72	5/31/72	37 FR 23085	(b).	
		8/31/79	12/23/80	45 FR 84769	(c) 11	Allows DEP to separately limit mobile and stationary sources depending upon the cause of the episode.

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22a-174-7	Malfunction of Control Equipment; Reporting.	4/04/72	5/31/72	37 FR 23085	(b).	
22a-174-8	Compliance Plans and Schedules.	4/04/72	5/31/72	37 FR 23085	(b).	
22a-174-9	Prohibition of air pollution	4/04/72 8/31/79 8/31/79	5/31/72 12/23/80 8/12/83	37 FR 23085 45 FR 84769 48 FR 36579	(b). (c) 11 (c) 11.	Non-substantive numbering change. Full authority delegated for NSPS and NESHAPS. Delegation of new subparts.
22a-174-10	Public Availability of Information.	4/04/72	12/6/91 5/31/72	56 FR 63875 37 FR 23085	(b).	
22a-174-11	Prohibition against concealment of circumvention.	4/04/72	5/31/72	37 FR 23085	(b).	
22a-174-12	Violations and enforcement.	4/4/72	5/31/72	37 FR 23085	(b).	
22a-174-13	Variances	4/4/72 8/31/79 4/04/72	5/31/72 12/23/80 5/31/72	37 FR 23085 45 FR 84769 37 FR 10842	(b). (c) 11 (b).	Non-substantive numbering change.
22a-174-14	Compliance with regulation no defense to nuisance claim.					
22a-174-15	Severability	4/4/72	5/31/72	37 FR 10842	(b).	
22a-174-16	Responsibility to comply with applicable regulations.	4/4/72	5/31/72	37 FR 10842	(b).	
22a-174-17	Control of open burning ...	4/04/72	5/31/72	37 FR 10842	(b).	
22a-174-18	Control of particulate emissions.	4/4/72 11/30/73 7/11/81	5/31/72 4/16/74 9/23/82	37 FR 10842 39 FR 13651 47 FR 41958	(b). 52.375 (c) 22	Allowed Hartford Electric Light & Connecticut Light & Power Supplies to use nonconforming fuel from 12/3/73 to 1/1/74. Defines TSP RACT for fuel burning equipment and process sources including cupolas, foundries, and hot mix asphalt plants.
22a-174-19	Control of sulfur compound emissions.	4/4/72 11/30/73 4/3/79 9/8/80 12/19/80 & 3/11/81 3/11/81 & 7/15/81 3/17/81	5/31/72 4/16/74 7/30/79 4/27/81 8/28/81 8/28/81 10/23/81	37 FR 23085 39 FR 13651 44 FR 44498 46 FR 23412 46 FR 43418 46 FR 43418 46 FR 51914	(b). 52.375 (c) 10 (c) 12 (c) 14 (c) 15 (c) 17	Allowed Hartford Electric Light and Connecticut Power and Light to use nonconforming fuel. Allowed Northeast Utilities to purchase, store, and burn nonconforming fuel. Variance for Federal Paperboard, Inc. Amends sulfur control strategy. Amends New Source Ambient Impact Analysis Guideline. Variance for Uniroyal, Inc.

TABLE 52.385—EPA-APPROVED REGULATIONS—Continued

Connecticut State citation	Title/subject	Dates		Federal Register citation	Section 52.370	Comments/description
		Date adopted by State	Date approved by EPA			
22a-174-20	Control of organic compound emissions.	11/2/81	11/18/81	46 FR 56612	(c) 18	Approval State Energy Trade program.
		11/14/75	11/18/81	46 FR 56612	52.380 (e)(1)	EPA disapproval revision which allows exemption for home heating with coal, historic demonstrations, and other small sources.
		11/12/81	12/22/81	46 FR 62062	(c) 19	Variances for United Technologies Corp., Pratt & Whitney Aircraft Division facilities in New Haven and Middletown.
		7/7/81	11/12/82	47 FR 51129	(c) 24	Variance for Sikorsky Aircraft—approved under the State Energy Trade Program.
		5/27/82	2/8/83	48 FR 5723	(c) 26	Variance for Dow Chemical—approved under the State Energy Trade Program.
		12/15/82	5/4/83	48 FR 20051	(c) 27	Variance for Lydall, Inc.—approved under the State Energy trade (SET) Program.
		11/1/82	6/28/83	48 FR 29689	(c) 28	Simkins Industries—approved under the State Energy Trade Program.
		3/28/83	12/20/83	48 FR 56218	(c) 30	Variance for Loomis Institute—approved under the State Energy Trade Program.
		2/19/93	1/18/94	59 FR 2531	(c) 63	Changes requirements at Hamilton Standard Division of UTC.
		4/4/72	5/31/72	37 FR 23085	(b).	
		8/31/79	12/23/80	45 FR 84769	(c) 11	Requirements for certain Group I CTG source categories. Conditionally approved cutback asphalt and solvent metal cleaning categories.
		10/10/80	1/17/82	47 FR 762	(c) 20	Requirements for cutback asphalt (Group I—CTG).
		10/10/80	2/17/82	47 FR 6827	(c) 25	Requirements for Group II CTGs exclusive of controlling gasoline tank truck leaks, petroleum liquid storage external floating roof tanks, manufacture of vegetable oil, pneumatic rubber tire categories. Other VOC rules.

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10/10/80	6/7/82	47 FR 24452	(c) 23	Alternative emission reduction provisions.
12/10/82	2/1/84	49 FR 3989	(c) 29	Requirements for small open top degreasers (Group I—CTG).
9/24/83	2/1/84	49 FR 3989	(c) 29	Exempts colds cleaners at auto repair facilities.
9/24/83	3/21/84	49 FR 10542	(c) 32	Adds degreasing requirements for conveyORIZED and cold cleaning operations.
8/31/79	3/21/84	49 FR 10542	(c) 32	Requirements for solvent metal cleaning (Group I CTG).
9/24/83	3/21/84	49 FR 10542	(c) 32	Exempts storage vessels from submerged fill. Delays effective date of Stage I vapor recovery by 1 year. Requires RACT for all major sources of VOC not covered under a CTG document.
9/24/83	10/19/84	49 FR 41026	(c) 33	Adds major non-ctg sources covered by 20(ee) to applicability, compliance, alternative emission reduction and seasonal operation after burner provisions.
12/13/84	7/18/85	50 FR 29229	(c) 34	Revision to cutback asphalt regulation. Requires facilities with external floating roofs to install secondary seats. Changes to gasoline tank truck regulation.
4/23/86	11/20/86	51 FR 41963	(c) 36	VOC RACT for Connecticut Charcoal Company.
4/28/86	2/19/87	52 FR 5104	(c) 37	VOC RACT for King Industries.
8/8/87	12/17/87	52 FR 47925	(c) 39	VOC RACT for Belding Corticelli Thread Company.
5/28/86	2/17/88	51 FR 4621	(c) 41	Effective date clarification for Connecticut Charcoal.
9/24/87	4/11/88	53 FR 11847	(c) 42	VOC RACT for Raymark Industries, Inc.
2/2/87	5/19/88	53 FR 17934	(c) 38	Clarifies applicability of VOC compliance methods for surface coating sources.
3/17/87	5/19/88	53 FR 17934	(c) 38	Adds regulations for SOCMII fugitive leaks and polystyrene resins.
8/21/87	7/12/88	53 FR 26256	(c) 44	VOC RACT for Spongex International Ltd.
12/26/86	8/1/88	53 FR 28884	(c) 43	VOC RACT for American Cyanamid Company.
10/27/88	3/8/89	54 FR 9781	(c) 48	VOC RACT for Dow Chemical, U.S.A.
6/7/88	3/24/89	54 FR 12193	(c) 46	VOC RACT for New Departure Hyatt.
12/14/88	4/10/89	54 FR 14226	(c) 49	VOC RACT for Stanadyne.

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TABLE 52.385—EPA-APPROVED REGULATIONS—Continued

Connecticut State citation	Title/subject	Dates		Federal Register citation	Section 52.370	Comments/description
		Date adopted by State	Date approved by EPA			
		3/22/89	5/30/89	54 FR 22891	(c) 51	VOC RACT for Pratt & Whitney Division of UTC.
		12/30/88	6/2/89	54 FR 23650	(c) 50	Changes limit on volatility of gasoline.
		10/19/87	11/28/89	54 FR 48885	(c) 47	VOC RACT for Frisnar, Inc.
		10/18/88	11/39/89	54 FR 49284	(c) 52	VOC RACT for Pfizer, Inc.
		9/5/89	12/22/89	54 FR 52798	(c) 53	VOC RACT for Uniroyal Chemical Co.
		11/29/89	3/12/90	55 FR 9121	(c) 54	VOC RACT for Hamilton Standard Division of United Technologies Corp.
		11/2/88	3/14/90	55 FR 9442	(c) 55	VOC RACT for Heminway & Bartlett Manufacturing Company.
		10/31/89	10/18/91	56 FR 52205	(c) 58	Changes applicability to facilities with >=15 pounds VOC per day.
		10/31/89	10/18/91	56 FR 52205	(c) 58	Various changes to Section 20 approved.
		9/1/93	11/19/93	58 FR 61041	Withdrawal of NPR for Sikorsky Aircraft Division of UTC, Bridgeport.
		1/29/90, 9/29/95, & 2/7/96	2/9/98	63 FR 6484	(c) (60)	VOC RACT for Sikorsky Aircraft Corporation in Stratford.
		6/3/96	4/24/98	63 FR 20318	(c) (73)	Alternative VOC RACT for Risdon Corporation in Danbury.
		11/18/93	3/10/99	64 FR 12024	(c)(75)	Changes to subsection 22a–174–20(s), 20(v), and 20(ee).
		4/1/98	10/19/00	65 FR 62624	(c)(84)	Changes to gasoline and volatile organic loading regulations.
22a–174–21	Loading gasoline and other volatile organic compounds.	8/23/96	10/19/00	65 FR 62624	(c)(84)	Changes to metal cleaning regulations.
	Metal cleaning	8/1/95	10/19/00	65 FR 62624	(c)(84)	Changes to regulations to add emission limit for architectural aluminum panels.
	Miscellaneous metal parts and products.	4/4/72	5/31/72	37 FR 23085	(b).	
22a–174–22	Control of carbon monoxide emissions.	9/21/82	3/21/84	49 FR 10542	(c) 32	CO attainment plan.
	Control of Nitrogen Oxides Emissions.	11/19/96	9/28/99	64 FR 52238	(c)(82)	Case-specific trading order for AlliedSignal, Inc., and U.S. Army Tank-Automotive and Armaments Command in Stratford.

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22a-174-22	Control of Nitrogen Oxides Emissions.	11/19/96	9/28/99	64 FR 52238	(c)(82)	Case-specific trading order for Connecticut Natural Gas Corporation in Rocky Hill.
22a-174-22	Control of Nitrogen Oxides Emissions.	12/20/96	9/28/99	64 FR 52238	(c)(82)	Case-specific trading order for Cytec Industries, Inc., in Wallingford.
22a-174-22	Control of Nitrogen Oxides Emissions.	6/25/97	9/28/99	64 FR 52238	(c)(82)	Amendments to case-specific trading order for Connecticut Natural Gas Corporation.
22a-174-22	Control of Nitrogen Oxides Emissions.	7/8/97	9/28/99	64 FR 52238	(c)(82)	Amendments to case-specific trading order for AlliedSignal, Inc., and U.S. Army Tank-Automotive and Armaments Command in Stratford.
22a-174-22	Control of Nitrogen Oxides Emissions.	7/23/97	9/28/99	64 FR 52238	(c)(82)	Case-specific trading order for Ogden Martin Systems of Bristol, Inc., in Bristol.
22a-174-22	Control of NO _x nitrogen oxide emissions.	1/12/00	3/23/01	66 FR 16137	(c)(88)	Case-specific trading order for Wisvest Bridgeport Harbor Station's Unit No. 2 in Bridgeport.
		5/22/00	3/23/01	66 FR 16137	(c)(88)	Amendment to case-specific trading order for Ogden Martin System's facility in Bristol.
		5/22/00	3/23/01	66 FR 16137	(c)(88)	Amendment to case-specific trading order for Connecticut Resources Recovery Authority.
		5/22/00	3/23/01	66 FR 16137	(c)(88)	Amendment to case-specific order for American Ref-Fuel Company.
		5/22/00	3/23/01	66 FR 16137	(c)(88)	Amendment to case-specific trading order for Bridgeport Resco Company.
		5/22/00	3/23/01	66 FR 16137	(c)(88)	Case-specific trading order for Wisvest Bridgeport Harbor Station's Unit No. 4 in Bridgeport.
		5/22/00	3/23/01	66 FR 16137	(c)(88)	Case-specific trading order for Wisvest New Haven Harbor Station's auxiliary Boiler in New Haven.
		5/31/00	3/23/01	66 FR 16137	(c)(88)	Case-specific trading order for Wisvest Bridgeport Harbor Station's Unit No. 3 in Bridgeport.
		5/31/00	3/23/01	66 FR 16137	(c)(88)	Case-specific trading order for Wisvest New Haven Harbor Station's Unit No. 1 in New Haven.
22a-174-22a	Nitrogen Oxides (NO _x) Budget Program.	12/15/98	9/28/99	64 FR 52238	(c)(80)	Approval of NO _x cap and allowance trading regulations.
22a-174-22b	Post-2002 Nitrogen Oxides (NO _x) Budget Program.	9/29/99	12/27/00	65 FR 81746	(c)86.	
22a-174-23	Control of Odors	4/4/72	5/31/72	37 FR 23085	(b).	
	Rescinded from Federal SIP.	8/31/79	12/23/80	45 FR 84769	(c) 11	EPA has no authority to control odors.

TABLE 52.385—EPA-APPROVED REGULATIONS—Continued

Connecticut State citation	Title/subject	Dates		Federal Register citation	Section 52.370	Comments/description
		Date adopted by State	Date approved by EPA			
22a-174-24	Connecticut primary and secondary standards.	4/4/72	5/31/72	37 FR 23085	(b).	
		7/11/81	11/18/81	46 FR 56612	(c) 18	Eliminated State 24-hour and annual standard for SO ₂ .
		10/8/80	2/17/82	47 FR 6827	(c) 25	Adopted ambient air quality standards for lead and revised the ozone standard.
		10/8/80	8/24/82	47 FR 36822	(c) 20	EPA took "no action" on definition of the term "acceptable method" because did not ensure consistency with EPA monitoring regulations.
		10/8/80	11/2/82	47 FR 49646	(c) 20	Correction to subparagraph designation.
		10/8/80	12/13/85	50 FR 50906	(c) 35	Approved definition of acceptable method.
		2/25/91	3/24/92	57 FR 10139	(c) 61	Requires use of low sulfur fuels at Connecticut Light & Power in Montville.
		2/14/92	11/20/92	57 FR 54703	(c) 59	Requires use of low sulfur fuels at Stones CT Paperboard Corp.
		2/5/92	11/20/92	57 FR 54703	(c) 59	Requires use of low sulfur fuel at Hartford Hospital.
22a-174-25	Effective date	4/4/72	5/31/72	37 FR 23085	(b).	
22a-174-27	Emissions standards for periodic motor vehicle inspection and maintenance.	3/26/98	3/10/99	64 FR 12005	(c)78	Revised Department of Environmental Protection regulation contain I/M emission standards.
22a-174-28		09/28/99	01/31/00	64 FR 67188	(c)(83)	This SIP revision removes the oxygenated gasoline requirement for the Connecticut portion of the New York—N. New Jersey—Long Island area and changes it to a contingency measure for maintaining the carbon monoxide National Ambient Air Quality Standard in the southwest Connecticut area.
14-164c	Periodic Motor Vehicle Inspection and Maintenance.	4/7/98	3/10/99	64 FR 12005	(c)78	Revised Department of Motor Vehicles regulation for the Connecticut I/M Program.

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		6/24/99	10/27/00	10/27/00, 65 FR 64360	(c)89	Revised subsection (b) of Section 14-164c-11a of the Department of Motor Vehicles regulation concerning emissions repairs expenditure requirement to receive waiver.
22a-174-30	Gasoline Vapor Recovery	1/12/93	12/17/93	58 FR 65930	(c) 62	Requires Stage II vapor recovery from gasoline dispensers.
22a-174-32	Reasonably available control technology for volatile organic compounds.	11/18/93	1/18/94 3/10/99	59 FR 2649	(c) 62	Correction to 12/17/93 notice.
174		8/27/99	10/19/00	65 FR 62624	(c)(84)	Conditional approval of the addition of non-CTG VOC RACT requirements.
22a-174-36	Low Emission Vehicles	12/23/94	3/9/00	65 FR 12479	(c)(76)	Changes to the non-CTG regulation.
22a-174-36(g)	Alternative Means of Compliance via the National Low Emission Vehicle (LEV) Program.	1/29/99	3/9/00	65 FR 12479	(c)(79)	Approval of Low Emission Vehicle Program.
22a-174-38	Municipal Waste Combustors.	10/26/00	12/6/01	66 FR 63312	(c)(79)	Approval of Alternative Means of Compliance via the National Low Emission Vehicle (LEV) Program for the "California" low emission vehicle program adopted above.
22a-174-100	Permits for construction of indirect sources Rescinded from federal SIP.	1/9/74	2/25/74	39 FR 7280	c(90)	The nitrogen oxide emission limits and related regulatory provisions of 22a-174-38, Municipal Waste Combustors, included in sections 22a-174-38 (a), (b), (c), (d), (i), (j), (k), (l), and (m).
		8/20/74	2/13/76	41 FR 6765	(c) 4	Requires review of air impacts of indirect sources.
		6/30/77	1/26/79	44 FR 5427	(c) 6	Added indirect source review (ISR) regulations.
		NA	12/23/79	45 FR 84769	(c) 9. (c) 11	SIP shown to attain standards as expeditiously as practicable without ISR regulation.

[62 FR 52022, Oct. 6, 1997; 62 FR 65224, Dec. 11, 1997, as amended at 63 FR 6487, Feb. 9, 1998; 63 FR 20318, Apr. 24, 1998; 64 FR 12024, Mar. 10, 1999; 64 FR 52238, Sept. 28, 1999; 64 FR 67192, Dec. 1, 1999; 65 FR 12479, Mar. 9, 2000; 65 FR 62624, Oct. 19, 2000; 65 FR 64360, Oct. 27, 2000; 65 FR 81746, Dec. 27, 2000; 66 FR 16137, Mar. 23, 2001; 66 FR 63312, Dec. 6, 2001]